

ORIGINATION FORM
Proposed Revisions to the Specifications
(Please provide all information - incomplete forms will be returned)

Date: _____ **Office:** _____
Originator: _____ **Specification Section:** _____
Telephone: _____ **Article/Subarticle:** _____
Email: _____ **Associated Section(s) Revisions:** _____

Will the proposed revision require changes to the following Publications:

Publication	Yes	No	Office Staff Contacted	Date
Standard Plans Index				
Traffic Engineering Manual				
FDOT Design Manual				
Construction Project Administration Manual				
Basis of Estimate/Pay Items				
Structures Design Guidelines				
Approved Product List				
Materials Manual				
Maintenance Specs				

Will this revision necessitate any of the following:

Design Bulletin Construction (DCE Memo) Estimates Bulletin Materials Bulletin

Have all references to internal and external publications in this Section been verified for accuracy?

Synopsis: Summarize the changes:

Justification: Why does the existing language need to be changed?

Do the changes affect either of the following types of specifications (Hover over type to go to site.):

Special Provisions Developmental Specifications

List Specifications Affected: (ex. SP3270301, Dev330TL, Dev334TL etc.)

Contact the State Specifications Office for assistance completing this form.

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- 1. Are changes in line with promoting and making meaningful progress on improving safety, enhancing mobility, inspiring innovation, and fostering talent; explain how?**

- 2. What financial impact does the change have; project cost, pay item structure, or consultant fees?**

- 3. What impacts does the change have on production or construction schedules?**

- 4. How does this change improve efficiency or quality?**

- 5. Which FDOT offices does the change impact?**

- 6. What is the impact to districts with this change?**

- 7. Does the change shift risk and to who?**

- 8. Provide summary and resolution of any outstanding comments from the districts or industry.**

- 9. What is the communication plan?**

- 10. What is the schedule for implementation?**

CONDUIT.**(REV 7-6-23)**

SUBARTICLE 630-2.1 is deleted and the following substituted:

630-2 Materials.

630-2.1 Conduit: Use materials that have been tested and listed by a Nationally Recognized Testing Laboratory to the following industry standards:

Schedule 40 and 80 Polyvinyl Chloride (PVC) ¹	UL 651
Fiberglass Reinforced Epoxy ² (<u>below ground</u>).....	UL 2420
<u>Fiberglass Reinforced Epoxy² (<u>above ground</u>).....</u>	<u>UL 2515</u>
Intermediate Metal ³	UL 1242
Rigid Galvanized Metal ^{3,4}	UL 6
Rigid Aluminum ⁴	UL 6A
PVC Coated Intermediate Metal ⁴	ASTM A135/A135M, ASTM A513, ASTM A568/A568M, NEMA RN1-2005
Liquid Tight Flexible Metal.....	UL 360
High Density Polyethylene (HDPE) Standard Dimension Ratio (SDR) 9-11 ⁵	ASTM F2160
HDPE SDR 13.5 ⁵	ASTM F2160, NEMA TC-7
Schedule 40 and 80 HDPE.....	UL 651A

1. Use conduit with solvent weld slip-fit plastic couplings unless approved by the Engineer.

2. Use conduit having a minimum stiffness value of 250. Ensure that each section has a duct bell with an integral gasket on one end and a duct spigot on the other end.

3. Use conduit that is hot-dipped galvanized with a minimum coating of 1.24 ounces per square foot on both the inside and outside of the conduit. The weight of the zinc coating shall be determined using ASTM A90.

4. Use conduit with both ends reamed and threaded.

5. Can be used with preassembled cable and rope-in-conduit.